Table D UNE (continued)

	UNE	NOTE	REQD	Quantity	Targeted Installation Interval	STATUS	FOC
34	Interoffice Transport DS3	"		1	30		7
	O/S AND DA UNEs						
	Operator Call Processing - OPCH, FACH, BLV, EI, ECT	All states		1	30		7
	Operator Call Processing - Facility Based OPCH, FACH, ECT	"		1	30		7
	Operator Call Processing - Facility Based BLV, EI	"		1	30		7
	Directory Assistance Access Service (DAAS)	"		1	30		7
	Directory Assistance Call Completion (DACC)	"		1	30		7
	Directory Assistance Number Services Intercept (DANSI)	"		1	30		7
	Directory Assistance Transport	"		1	30		7
	Directory Assistance Database Service (DADS)	"		1	30		7
	Direct Access to DA service (DADAS)	"		1	30		7
	DIGITAL CROSS CONNECT						
35	DCS 1/0	AT&T		1	7		3
36	DCS 3/1	"		1	7		3
37	DCS 3/0	"		1	7		3

- continued -

Table D UNE (continued)

	UNE	NOTE	REQD	Quantity	Targeted Installation Interval	STATUS	FOC
38	CUSTOMIZED CALL ROUTING (Selective Routing - LCC)						
	1 - 5 LCC			1 - 5	30		7
	6 - 25 LCC			6 - 25	60		15
	> 25 LCC			25 +	ICB		
	UNBUNDLED LOCAL SWITCHING						
39	2Wire analog line port	All states		1 - 10	5		2
				11 - 25	6		2
				25 +	ICB		
40	Hunting	"		1	5		2
41	2 Wire analog DID trunk port	"		1 - 10	7		2
				11 - 25	8		2
				25 +	ICB		
42	2 Wire ISDN digital line side port	"		1 - 10	7		2
				11 -25	8		2
				25 +	ICB		
43	4 Wire ISDN DSI digital trunk port	"		1 - 10	7		2
				11 - 25	8		2
				25 +	ICB		
44	Switching functionality	AT&T		1	7		2
45	Unbundled Local Usage (entire local calling area)	All states		1	7		2
	UNBUNDLED ACCESS TO OSS						

- continued -

Table D UNE (continued)

	UNE	NOTE	REQD	Quantity	Targeted Installation Interval	STATUS	FOC
46	Preorder	All states		1	30		7
47	Order/Provisioning	"		1	30		7
48	Maintenance/repair	"		1	30		7
	ACCESS TO DATABASES						
	800 Database	All States	Y	1	10		3
	Line Information Database (LIDB)	"	Y	1	30		7
	NUMBER PORTABILITY						
68	RCF - Remote Call Frowarding	All states		1 - 25	5[4]		2
				26 - 50	7[4]		2
				51 +	ICB		
69	DID - Direct Inward Dial	"					
	Initial request - trunk group to be established			Initial	30		7
	Subsequent request - trunk group in place			1 -100	5		2
				100+	ICB		
	COMBINATION UNEs						
70	Loop with Interoffice transport			1 - 25	30		
				26 +			
71	Analog port loop combo/ digital loop port combo			1 - 25	3		
				26 - 50	4		
				51 +	ICB		
72	Analog loop with iLNP-RCF			1 - 10	3		

- continued -

Table D UNE (continued)

	UNE	NOTE	REQD	Quantity	Targeted Installation Interval	STATUS	FOC
				11 - 25	4		
				26 +	ICB		
73	Loop x con w unb interoffice transport			1 - 25	30		
				26+	ICB		

Note: 1. All dates are based on business days.

Note: 2. The assigned provisioning date assumes the availability of facilities and equipment.

Note: 3. ICB means Individual Case Basis. Contact your Account Manager to determine the appropriate interval.

Note: 4. Existing Service telephone numbers are complex, the due date interval may change to that of the complex service.

ATTACHMENT 33

BellSouth Interval Claims

	Letter SN91081293 dated April 23, 1998 --- BellSouth Products and Services Interval Guide, Revision Date 1/2/98 --- posted to BellSouth Web Site on April 23, 1998.		BellSouth Standard Interval Guide, CG-INTL-001, Issue 1, March 1998 --- posted to BellSouth Web Site on March 20, 1998.		BellSouth/FCC Ex-parte Meeting Letter, April 15, 1998, "BellSouth's Evidence of Compliance with Checklist Item 6: Unbundled Local Switching", page 4-5.	
Service/Product	**Target Interval**		**Target Interval**		**Interval Stated**	
UNE – 2 Wire Analog Voice Grade Loop	Number 1-5 6-14 15+ (page 7)	Interval 7 10 ICB	Number 1-5 6-14 15+ (page 8-9)	Interval 7 9 ICB	Number 1-5 6-14 (page 5)	Interval 5 7
UNE – 2 Wire Analog Port	Number 1-10 11-25 25+ (page 8)	Interval 5 6 ICB	Number 1-10 11-25 25+ (page 12)	Interval 5 6 ICB	Number 1-10 11-25 (page 5)	Interval 3 4
COMBINATION UNE – Analog Port Loop Combo / Digital Loop Port Combo	Not Addressed		Number 1-25 26-50 51+ (page 13)	Interval 3 4 ICB	As Above	
Resale – Local Exchange Line (Business or Residence) – New Installation with Dispatch	Number 1 2 3-5 6-14 15+ (page 5)	Interval 1 2 3 4 ICB	Number 1 2 3-5 6-14 15+ (page 6-7)	Interval 1 2 3 4 ICB	Not Addressed	

Resale – Local Exchange Line (Business or Residence) Switch as Is	Number 1 2 3-5 6-14 15+ (page 5)	Interval 3p = 0 3p = 0 1 2 4	Number 1 2 3-5 6-14 15+ (page 6-7)	Interval 3p = 0 3p = 0 1 2 4	Not Addressed	

ATTACHMENT 34

CUSTOMER SERVICE RECORD

EXCH	CL SVC	SVC ESTB.	PRINTED	SLA	DPA	PF	NPA	CO	LINE	CUST
NVC	XLBXX	03-08-86	01-05-98				615	255	9300	215

LOCAL SERVICE ITEMIZATION

CUSTOMER: [redacted]
SUITE 410

RAO: NASHVILLE

USOC TOTALS	USOC	QUANTY	AVG UNIT RATE	TOTAL RATE	DESCRIPTION
	BSXUP	4	0.00	0.00	BELLSOUTH CALLING CARD
	CBEX4	11	0.00	0.00	CUSTOM TOLL RESTRICTION
	ESM	1	3.75	3.75	CALL FORWARDING
	HTGTR	15	20.63	309.45	REGIONSERV GROUPING SERVICE
	NDT	5	20.00	100.00	PBX SERVICE, BELLSOUTH CMRS LOCAL LOOP DID
	ND4	5	3.40	17.00	PBX SERVICE, ADDITIONAL GROUP OF 20 DID NU
	NGMCK	11	20.00	220.00	REGIONSERV NETWORK ACCESS SERVICE MEGALINK
	NGPLK	5	20.00	100.00	REGIONSERV NETWORK ACCESS SERVICE MEGALINK
	SJDBD	5	7.50	37.50	DUAL TONE MULTIFREQUENCY PULSING OPTION ON
	TJB	11	3.00	33.00	PBX CENTREX, TOUCH-TONE CENTRAL OFFICE TRU
	XLBXX	1	0.00	0.00	PBX SERVICE, MEASURED SERVICE, DIAL, CUSTO
	1PGWU	16	5.00	80.00	MEGALINK / LIGHTGATE , ANALOG TRUNK FEATURE
	9ZE	16	8.17	130.72	FCC CHARGE FOR NETWORK ACCESS
TOTAL BILLED LOCAL SERVICE -				1031.42	--TOTAL EXCL. TAX

ATTACHMENT 35

CUSTOMER SERVICE RECORD

EXCH	CL SVC	SVC ESTB.	PRINTED	SLA	DPA	PF	NPA	CO	LINE	CUST
NVC	XLBXX	03-08-86	01-03-98				615	255-	9300	215

QUAN	USOC	DESCRIPTION OF SERVICE OR EQUIPMENT	BTC	TOTAL REVENUE	EFF DATE	TAX	IDENT NUMBER
		BILLING TRANSFERS					
		BILLED FROM 615 M10-6396-396		.00			
		BILLED FROM 615 254-6559-025		99.34			
		ITEMIZED EQUIPMENT					
1	NP3	/ SED 02-16-96		NR	021696	NNN	
1	NN9CK	/ TN 254-6559 PIC 022W LPW ZNB		38.30	021996	NNN	
		/ PCA BO, 01-25-96					
		/ SED 02-19-96					
1	TTB	/ TN 254-6559 SED 02-19-96		3.00	021996	NNN	
1	9ZR	/ TN 254-6559 SED 02-19-96		8.17	021996	NN0	
1	RJ21X	/ NIW RMKR (A) 9352, 254-6559		NR	021696	SN0	
1	NN9CK	/ TN 255-9352 PIC 022W LPW ZNB		38.30	021996	NNN	2559352
		/ PCA BO, 02-16-96					
		/ SED 02-19-96					
1	TTB	/ TN 255-9352 SED 02-19-96		3.00	021996	NNN	
1	9ZR	/ TN 255-9352 SED 02-19-96		8.17	021996	NN0	

ORDER ACTIVITY

ORDER NO	COMPLETED	SERIAL NO	POSTED	CYCLE	REASON
61525599300RC	01-01-98	RATECHANGE	01-04-98		
T98HQHR4	02-16-96	964098TSHQHR	02-21-96	4099	

---RMKS
RMKR (A) CREX4 REQ BY [redacted]

ACCOUNT SUMMARY
MAIN STATIONS - FULL RATE 16

CALLING CARDS 4

ATTCOM LOCAL SVC	0.00
INTERSTATE CALC	147.06
BELLSOUTH LOCAL SVC	983.70
BILLED LOCAL SERVICE	1130.76
BILLED DIRECTORY ADV	80.20

DIR #	DIRECTORY NAME	EARNING#	WHITE	YELLOW	FOREIGN

ATTACHMENT 36

BEFORE THE TENNESSEE REGULATORY AUTHORITY

IN RE:	)	
	)	
BELLSOUTH TELECOMMUNICATIONS, INC.'S ENTRY INTO LONG DISTANCE (INTERLATA) SERVICE IN TENNESSEE PURSUANT TO SECTION 271 OF THE TELECOMMUNICATIONS ACT OF 1996	)	DOCKET NO. 97-00309

TRANSCRIPT OF PROCEEDINGS

Thursday, May 7, 1998

VOLUME III E

APPEARANCES:

For BellSouth:	Mr. Guy M. Hicks Mr. Bennett Ross Mr. William Ellenberg, II
For AT&T:	Mr. James P. Lamoureux Mr. Michael A. Hopkins
For MCI:	Ms. Susan Berlin Mr. Dulaney L. O'Roark
For TCG Midsouth, Inc.:	Ms. D. Billye Sanders
For Consumer Advocate:	Mr. Vance L. Broemel
For ACSI, SECA, and Brooks:	Mr. Henry Walker
For Sprint:	Ms. Carolyn Tatum Roddy
For Intermedia, LCI, and WorldCom:	Mr. H. LaDon Baltimore
For NEXTLINK:	Ms. Dana Shaffer Mr. Henry C. Campen, Jr.
For BellSouth Long Distance:	Mr. Guilford Thornton, Jr.

Reported by:
Christina Meza, RPR, CCR

form.

You fill out the form using this system, submit the form electronically to BellSouth. If there are errors on the form, those errors are returned electronically. If there are no errors, the order flows through the system and provisions and order status information, including a firm order confirmation and a completion notice are returned. That's what EDI looks like in its very simplest version.

Now let's go on and talk about the third subject which is a little more complex.

Alex, if you'll close that, please. And, Jerry, if you will go to the next slide. The other thing you're going to hear discussed in the next few days is integrating preordering and ordering. How do the CLECs put them together? You will hear my testimony that we have enabled the CLECs to take two of the methods that I've talked about, and I'm about to show you those, the common gateway interface and EDI, and perform that integration themselves in their own computers using their own programmers.

We've made the technical descriptions of the services and the how-to-do-its available to them. And, in fact, AT&T has done that

except that they didn't use CGI. They used EC-Lite, which I mentioned earlier. So AT&T has done this work, and I believe you'll hear that in Mr. Bradbury's testimony.

The other system that we will look -- take a quick look at is what the local exchange navigation system or LENS looks like where BellSouth performed the integration for small carriers. And what's the point of integration? Integration allows you to obtain information from the preordering operating support systems, populate the blank fields on the order that you need to with

that information automatically, and then send that order with the service rep at the CLEC having the conversation with the customer to fill in the things they need, but the information they get from BellSouth can automatically be put in that form.

Let's take a look at a demonstration version of integrating CGI and EDI. Alex, if you will open that up, please. I commissioned for demonstration purposes a prototype interface that demonstrates how a CLEC could indeed perform this integration. That's what you're seeing today. This is not commercial production. It's prototype. We took the instructions that we had given to the CLECs, gave them to a specific software

company and said perform this function using these instructions that I have given you. So they have exactly the same information that we delivered to the -- have delivered already to the CLECs.

Let's take a quick look at this one. You will notice there's a similar preordering function, and the form looks the same. And we're going to use Jerry's street address again, 4535 Peytonsville Road, and I won't put the mistake in it again this time. If we had made a mistake, similar information comes back. This system is using the

common gateway interface to go back into our system, try to validate the address and in a few seconds brings back a validated address. I know the message is really hard to read here with that screen size, but the little message at the bottom says, "Address is valid."

Now, if Alex clicks the save button -- and stop after you click it, Alex. Go ahead and send it -- what happens? Well, a couple of things happen. That address is now saved in a database, the CLECs database. That address, and if we went through -- and let's go ahead and while I'm talking, Alex, go ahead and run through the telephone number selection and the other features.

The information is retrieved electronically from BellSouth's preordering OSS, and then by my design at the moment is put into a database that I have built to emulate a CLEC database. But that functionality to retrieve the information and store it in whatever manner they choose to store it is available to the CLECs.

Alex is running through -- he went through the telephone number screen while I was talking. He's waiting on the features and services screen. This has more information on it. With a

slow modem like this it actually takes about 20 seconds or so to download. It includes a list of the carriers. And let's go ahead and get the installation calendar. Just pick a feature if you want to populate the order. Any. Again, we're going from a CLEC computer, a simulation of one, to BellSouth's live systems bringing back information, saving it to a database. That's what's called integration.

When we get the calendar back and pick a due date, I'm going to show you how that carries through the rest of the way and produces an order. The installation calendar we didn't look at a moment ago. This specifies the days when dispatches are available at this particular

location.

All right. Let's go ahead to the ordering section. When we've completed preordering -- again, I told the designer, Write the application so an ordering form pops up. You will hear a lot about BellSouth's retail marketing systems.

And, in fact, we have a system that looks a lot like this one. It's called RNS for consumer orders. What we have done is given the

CLECs the access to design their own systems to meet their own business needs providing access to the same data. We've talked about this before. We've given them the specifications. To my knowledge, no one has done this integration. So I determined that I needed to give them a little more instruction.

What Alex has done here -- we did not pull the customer service record. It was available there also -- is take the data we need to prepare an order. Again, he's building a CLEC database as he goes through this order. And I'm going to let them go ahead and finish the order because I want to make sure we get to the next point, and I'm close on my time.

The point is very simply the

data can be obtained. It can be integrated by the CLEC. He forgot to put the due date in and had to go back. I've trained him and trained him, but -- he's not a qualified service rep; he's a system manager. You will notice that there are sections of the order where information has -- is -- I want to say prepopulated. That's a technical word. This is a database that would reside in the CLEC's computer to help them fill out certain sections of the order and pop up information, and now I think this order

is complete.

All right. Let's go ahead and submit that order, and let's take a look at it. What we're going to look at is the image of that order that he just created in the funny machine language format that we looked at earlier. And he is going to open that file up. You will notice it was created just a minute ago.

This is what that order now looks like when it's been created and turned into an EDI order that is ready to send to the LEO database. A lot of that looks like gibberish, and lot of it is unless you're a system programmer, but that's what the formatted order looks like.

So what I have done is show you a demonstration of how BellSouth's existing

interfaces can be integrated. I'm not going to take the time because I am running tight on my time constraint to show you how the simpler version of this works. BellSouth made a version called LENS available. It is limited to a number of services that it handles. They are basically plain old telephone services. It does not have the full range of services that EDI can handle, but it looks similar. It's a browser type of operation.

Jerry, if you'll go on to the next slide. Again, to honor my time limitations, I'll be glad to do this, Directors, if you want, but it takes us a few minutes to dial this one up. BellSouth's trouble reporting and testing interfaces are similar to what you have just seen. There is a trouble reporting interface that you will hear us talk about called TAFI. That is exactly the same interface that BellSouth uses every day that has been made available to the CLECs. There is an interface that is a national standard called EC-TA that is also available to the CLECs. These two interfaces have different functionalities. This one is the one we use. This one is a national standard, and they're different and we'll talk about those in some length.

All right. Jerry, go on to the next slide. The billing interfaces we have you will hear Mr. Scollard talk about in some detail. There are a number of them; customized large user billing; diskette analyzer bill; billing on magnetic tape; the system called the carrier access billing system; and finally billing daily usage files. I mention these to say that they are indeed interfaces to our systems. Mr. Scollard's testimony describes them

all in considerable more detail.

And then finally performance measures. Jerry, go on to the next slide. I'm not going to take these individually because we'll have a lot of time to talk about them. BellSouth has put forward a set of performance measures that comply with two standards, an order that we have received now in written form from the Georgia Commission, statements that the FCC made in our South Carolina and Louisiana orders, and a letter which is attached to my testimony that the Department of Justice sent to SBC.

There are measures covering preordering. There are a group of measures covering ordering. Jerry, go ahead, please. There are a large group of measures covering provisioning, which is the time interval from the time you have a

BEFORE THE TENNESSEE REGULATORY AUTHORITY

IN RE:	)	
	)	
BELLSOUTH TELECOMMUNICATIONS, INC.'S ENTRY INTO LONG DISTANCE (INTERLATA) SERVICE IN TENNESSEE PURSUANT TO SECTION 271 OF THE TELECOMMUNICATIONS ACT OF 1996	)	Docket No. 97-00309

TRANSCRIPT OF PROCEEDINGS

Friday, May 7, 1998

VOLUME IV E

APPEARANCES:

For BellSouth:	Mr. Guy M. Hicks Mr. William J. Ellenberg, Jr.
For AT&T:	Mr. Michael A. Hopkins Mr. James P. Lamoureux
For MCI:	Mr. Richard D. Melson Mr. Dulaney O'Roark
For TCG Midsouth, Inc.:	Ms. D. Billye Sanders
For Consumer Advocate:	Mr. Vance L. Broemel
For ACSI, SECA, and Brooks:	Mr. Henry Walker
For Sprint:	Ms. Monica Barone Mr. William R. Atkinson
For Intermedia, LCI, and WorldCom:	Mr. Don Baltimore
For NEXTLINK:	Ms. Dana Shaffer Mr. Henry C. Campen, Jr.
For BellSouth Long Distance:	Mr. Guilford F. Thornton, Jr.

Reported By:
Carolyn J. Bertram, CCR

MR. ELLENBERG: Yes, sir. Thank you.

DIRECTOR MALONE: If you want Mr. Melson to continue, he can, with this witness.

MR. ELLENBERG: We may talk later.

BY MR. MELSON:

Q. Mr. Stacy, let's avoid any more "he said, she said" and move on to some questions. This prototype demonstration version of CGI EDI integration, I believe you said during your summary it was prepared by an outside software company; is that correct?

A. Yes, it was.

Q. What company?

A. That company is named Albion, A-l-b-i-o-n.

Q. What was the scope of the project?

A. The scope of the project was to provide a demonstration of the CGI interface, give me an idea to specifically demonstrate for the CLECs that development could be done using the information that we had provided and to deliver access to preordering information and creation of an order that could be sent via PC-EDI for a specific service type, new service residential.

Q. And so the specific order type, new service residential, there is no need in that situation to extract information about existing

service from the Customer Service Record; is that correct?

A. In that particular one there's not.

Q. All right. When did this project start?

A. The project started, let's see, nine weeks ago now.

Q. And when did it end?

A. They're still working on another function for me to demonstrate, another function of the CGI interface, so it's not quite done yet.

Q. What's the other function that's going to be demonstrated?

A. They're doing a new business service as well as a new residence service.

Q. What materials were provided to the software developer?

A. Exactly the same materials we've given the CLECs. And it was controlled to make sure that the CGI specification that was delivered, their contact with the single point of contact with BellSouth and their contact with Harbinger, the value-added network provider, was the same as we provide to the CLECs.

Q. And who was their single point of contact at BellSouth?

A. It is the SPOC at BellSouth, and I'm sorry

I can't remember his name. I know it's the guy you get on the other end of the 205 number in Birmingham.

Q. Do the CLECs have the same 205 Birmingham number?

A. Yes, yes. We have a single point of contact for system questions, and it's that person.

Q. All right.

A. It's not actually a person, it's a group. All the contacts funnel through that organization.

Q. What was the cost of preparation of this demonstration prototype?

A. The cost to date including the software

license, which would -- well, let me give it to you in two pieces. The cost of the labor to date was $56,000. The cost of the software license for that particular package they use is $40,000. It was two programmers for a period of about eight weeks and one program manager for about half of that same period.

Q. Now, I take it from your description that this is not intended to become an operational integrated interface but is only a demonstration; is that correct?

A. It was intended to allow me to demonstrate that a CGI interface could be developed using the information that we had provided and that it could be done in a relatively short time and relatively low